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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/816,162	03/31/2004	Osamu Kawamae	16869S-112700US	9034	
20000	7590 03/06/2007 AND TOWNSEND AND	EXAMINER			
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EIGHTH FLOC	OR SCO, CA 94111-3834	ART UNIT	PAPER NUMBER		
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SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
31 D	AYS	03/06/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE £ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Exercision of time may be available under the provision of 37 CFR 1-38(b), in the event, however, may a lepty be limby filled.  If NO period for regly is specified above, the maximum statutory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. Failur to reply which his set or created period for regly is specified above, the maximum statutory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. Failur to reply which his set or created period for regly is appelled above, the maximum statutory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. Failur to reply which his set or created period for regly is appelled above, the maximum statutory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. Failur to reply which his set or created and set of the communication. Failur to reply will be set or communication and set of the communication. Failur to reply set or communication and set of the communication. Failur to reply set or communication and set of the communication. Failur to reply set or communication. Failur to reply set or communication. Failur to reply set or failur to reply set or communication. Failur to reply set or failur to			Application No.	Application No. Applicant(s)				
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The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Repty  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extension of tom rany be available under the provisions of 2 FCR 1380. In no event, however, way a reply be timely filled in the communication of the provisions of 2 FCR 1380. In no event, however, way a reply be timely filled in the provision of the provision of 2 FCR 1380. In no event, however, way a reply the intention of the provision of 2 FCR 1380. The provision of 1 FAIlius to reply the submitted period for reply is possible, and a specified above, the noisinum staticory period will apply and will explicat SQL (SQL 133). Alter reply reply received by the Office liter than there monits after the mailing date of this communication. Failus to apply with the set or created period for reply is possible, and a second period for reply is possible, and a second period for the communication. Failus to apply filled on 13 th March 2004.  2a) This action is FINAL. 2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1.14 is/are pending in the application.  4a) Of the above claim(s) is/are allowed.  5) Claim(s) is/are allowed.  6) Claim(s) is/are rejected.  7) Claim(s) is/are rejected.  7) Claim(s) is/are objected to by the Examiner.  Application Papers  9) The specification is objected to by the Examiner.  Application Papers  9) The drawing(s) field on is/are: a) accepted or b) objected to by the Examiner.  Application Papers  10) The drawing(s) field on is/are: a) accepted or b) objected to by the Examiner.  Application for declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152: Priority under 35			Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Exercisions of first may be available under the proteidine of 37 CFR 1.136(a). In no event, however, may a raisely be timely filled.  - Exercision of first may be available under the proteidine of 37 CFR 1.136(a). In no event, however, may a raisely be timely filled.  - If No prend for may be specified above, the maximum statutory period way pay and wite expise x (by MONTH'S from the mailing date of this communication, replaced by may office interest them the temperature of the proteid by the fill of the maximum status or period way pay and wite expise x (by MONTH'S from the mailing date of this communication, even if timely filled, may reduce any statute part term adjustment. Size 37 CFR 1.74(b).  - Responsive to communication(s) filled on 31 March 2004.  - Pall This action is FINAL.  - Pall This action is fill the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - Pall This action is fill a state and the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - Pall This action is active the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - Pall This action is active the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - Pall This action is active the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213.  - Disposition of Claims  - Pall This active the practice of the practice under Exparte Pall This active the practice of the prac								
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2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 1-14 is/are pending in the application. 4a) Of the above claim(s)  is/are withdrawn from consideration. 5)  Claim(s)  is/are allowed. 6)  Claim(s)  is/are objected to. 7)  Claim(s)  is/are objected to. 8)  Claim(s)  1-14 are subject to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner. 10)  The drawing(s) filed on  is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some  Olemon of the priority documents have been received. 2 Certified copies of the priority documents have been received in Application No. 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.	Status	,						
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## **DETAILED ACTION**

## Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 1-5, drawn to recording information in a space bitmap format, classified in class 711, subclass 162.

II. Claims 6-14, drawn to recording one of flags indicating respective types of the timing update in the recording medium, classified in class 369, subclass 47.1.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, the subcombination of recording flags indicating respective types of the timing update has separate utility such as in a recording medium that is not divided into a space bitmap format. The information can be recorded in a space bitmap without update timing flags. See MPEP § 806.05(d).

The examiner has required restriction between subcombinations usable together. Where applicant elects a subcombination and claims thereto are subsequently found allowable, any claim(s) depending from or otherwise requiring all the limitations of the allowable subcombination will be examined for patentability in accordance with 37 CFR 1.104. See MPEP § 821.04(a). Applicant is advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a

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claim that is allowable in the present application, such claim may be subject to

provisional statutory and/or nonstatutory double patenting rejections over the claims of

the instant application.

Because these inventions are independent or distinct for the reasons given

above and there would be a serious burden on the examiner if restriction is not required

because the inventions require a different field of search (see MPEP § 808.02),

restriction for examination purposes as indicated is proper.

A telephone call was made to George Yee on 2/5/07 to request an oral election

to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must

include (i) an election of a species or invention to be examined even though the

requirement be traversed (37 CFR 1.143) and (ii) identification of the claims

encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To

reserve a right to petition, the election must be made with traverse. If the reply does not

distinctly and specifically point out supposed errors in the restriction requirement, the

election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not

patentably distinct, applicant should submit evidence or identify such evidence now of

record showing the inventions or species to be obvious variants or clearly admit on the

record that this is the case. In either instance, if the examiner finds one of the inventions

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unpatentable over the prior art, the evidence or admission may be used in a rejection

under 35 U.S.C.103(a) of the other invention.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Parul Gupta whose telephone number is 571-272-5260.

The examiner can normally be reached on Monday through Thursday, from 9:30 AM to

7 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bill Korzuch can be reached on 571-272-7589. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PHG 2/27/07

> WILLIAM KORZUCH SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 2600